

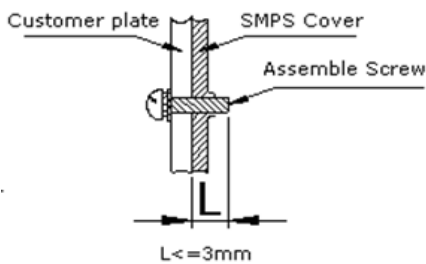
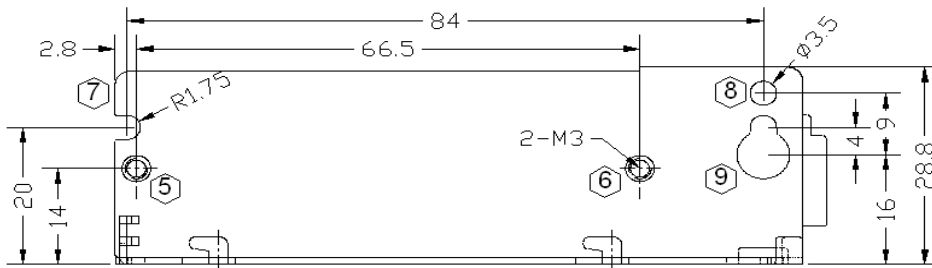
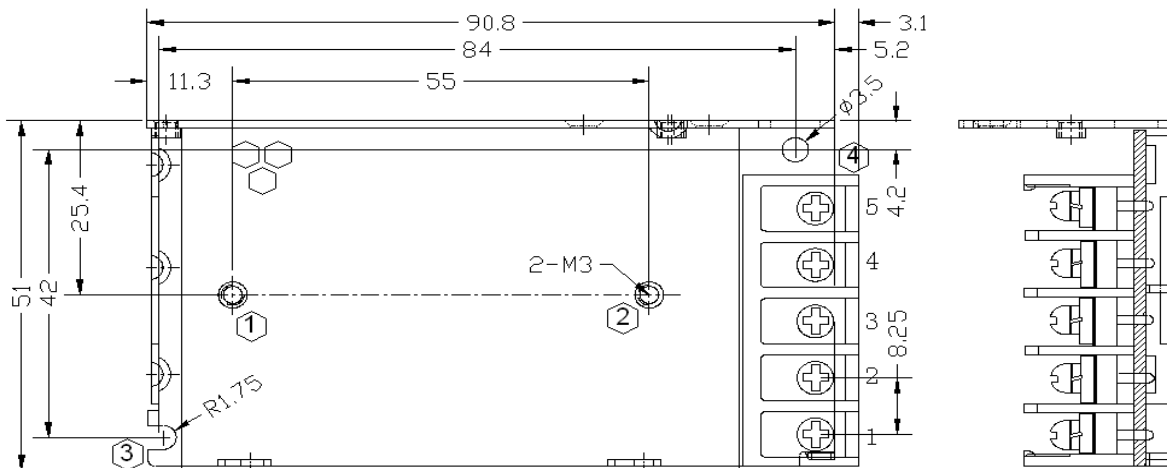

Features:

- No Load power consumption<0.5W
- High AC input
- Miniature size,high power density,high efficiency,long life and high reliability
- Withstand 300VA surge input for 5 sec.
- Output protections: OLP/OVP/SCP/OPP
- Wide operating ambient temp (-25°C~70°C), 100% @50°C、70%@70°C
- All using 105°C long life electrolytic capacitors.
- 100% full load burn-in test
- Suitable for critical applications
- 3 years warranty

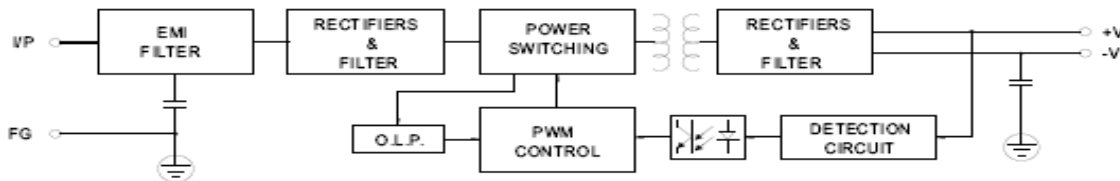
SPECIFICATION

MODEL		PD-H35S12		
OUTPUT	DC Output	12V		
	Rated Current	2.6A		
	Current Range	0~2.6A		
	Ripple and Noise Note 2	-25~70°C	<120mV	
	Voltage ADJ. Range	11.4~12.6V		
	Voltage Accuracy	±2.0%		
	Line Regulation	±1.0%		
	Load Regulation	±2.0%		
	Set-up Time	<1.0S (230Vac input, Full load)		
	Hold up Time	>20mS(230Vac input, Full load)		
	Temperature Coefficient	±0.03%/°C		
	Overshoot and Undershoot	<5.0%		
	INPUT	Voltage Range	176Vac~264Vac	
Frequency Range		47Hz~63Hz		
Efficiency (Typical)		82%		
AC Current (max.)		0.7A		
Inrush Current (Typical)		<40A@230Vac Cold start		
Leakage Current		Input—output:<3.5mA Input—PG:<0.25mA		
PROTECTION	Over Load	3.15~4.5A, constant power		
	Over power	37.8~54W, constant power		
	Short Circuit	Long-term mode, auto recovery		
ENVIRONMENT	Operating amb. Temp. & Hum.	-25°C~70°C; 20%~90% RH No condensing (refer to the derating curve)		
	Storage Temp. & Hum.	-40°C~85°C; 10%~95% RH No condensing		
SAFETY & EMC Note 3	Safety Standards	EN60950-1: 2006		
	Withstand Voltage	Primary-Secondary:3.0KVac; ≤10mA .Primary-PG:1.5KVac; ≤10mA. Secondary-PG:0.5KVDC;≤10mA.		
	Isolation Resistance	≥100M ohms		
	EMI Conduction&Radiation	Compliance to EN55022 ClassB; FCC PART15 B		
	EMS Immunity	Compliance to EN61000-4-2,4,5,8,11;		
OTHERS	MTBF (MIL-HDBK-217F)	More than 200,000Hrs (25°C, Full load)		
	Dimension (L*W*H)	94.5×51.5×29.5mm		
	Packing	48PCS/CTN, 10.42KGS, 0.03CBM		
	Cooling method	Cooling by free air convection		
NOTE	1. All parameters NOT specially mentioned are measured at 230Vac input, rated load and 25°C of ambient temperature. 2. Measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1 uF & 10uF parallel capacitor. 3. The SPS is considered a component which will be installed into final equipment. The equipment must be re-confirmed that it still meets EMC directives. 4. Powerld offer accessories for Din-35 rail bar. Please contact sales staff for details.			

■ **Mechanical Specification** Unit:mm



■ **Block Diagram**



■ **Derating Curve**

